

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/062094 A1

(51) International Patent Classification⁷: **G02B 6/34**

(21) International Application Number:
PCT/GB2004/005393

(22) International Filing Date:
21 December 2004 (21.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0329642.3 22 December 2003 (22.12.2003) GB
03258123.3 22 December 2003 (22.12.2003) EP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GI, GM, GR, GU, HT, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

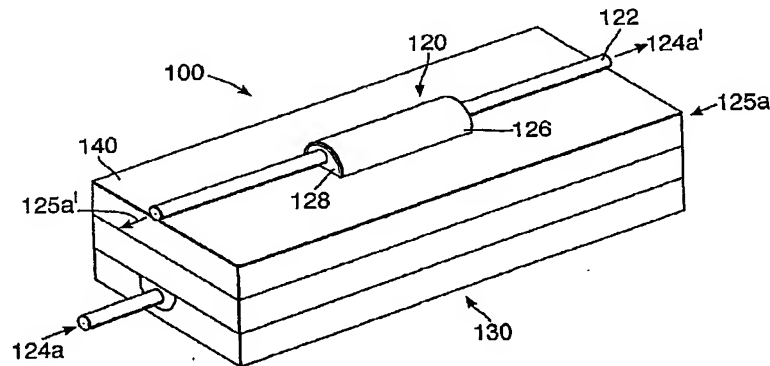
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

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(54) Title: OPTICAL CONNECTOR ARRANGEMENT



(57) Abstract: One aspect of the invention provides an optical connector arrangement (100). The optical connector arrangement (100) comprises a connector component (114) embedded in a substrate material (130). The embedded connector component (114) includes a fibre optic grating (110) optically coupled to a reflector (116) for directing radiation emitted from the fibre optic grating (110) to a surface (140) of the substrate material (130). The optical connector arrangement (100) also comprises a surface connector component (120) for collecting radiation emitted from the surface (140) of the substrate material (130).

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INTERNATIONAL SEARCH REPORT

International Application No

PC GB2004/005393

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 382 430 A (BRITISH TELECOMM) 16 August 1990 (1990-08-16) figure 5 page 3, line 57 - page 4, line 11	1,14,26
A	US 5 307 437 A (FACQ PAUL ET AL) 26 April 1994 (1994-04-26) figure 4 column 4, line 59 - column 5, line 12	1,14,26
A	K. ZHOU ET AL.: "Side Detection of Strong Radiation-Mode Out-Coupling From Blazed FBGs in Single-Mode and Multimode Fibers" IEEE PHOTONICS TECHNOLOGY LETTERS, vol. 15, no. 7, July 2003 (2003-07), XP002282688 cited in the application figure 4 * figure caption, abstract *	1,14,26

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

31/03/2005

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Information on patent family members

International Application No

PC 5B2004/005393

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